

CTSRB Rabbit pAb

CatalogNo: YN0567

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 122kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity CTSRB Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CATSPERB C14orf161

| | | | |
|------------------------------|---|-------------------------|--------------------------|
| Protein Name | Cation channel sperm-associated protein subunit beta (CatSper-beta) | | |
| | Organism | Gene ID | UniProt ID |
| | Human | 79820 ; | Q9H7T0 ; |
| | Mouse | | A2RTF1 ; |
| Cellular Localization | Cell projection, cilium, flagellum membrane ; Single-pass membrane protein . Predominantly located in the principal piece of the sperm tail. . | | |
| Tissue specificity | Epithelium,Placenta,Testis, | | |
| Function | Function:Probably involved in sperm cell hyperactivation via its association with CATSPER1. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization.,subunit:Component of a complex, at least composed of CATSPER1, HSPA1B and CATSPERB., | | |

| Validation Data

| Contact information

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